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Help   Logout

Main Menu | Search Form | Result Set | Show S Numbers | Edit S Numbers

First Hit | Previous Document | Next Document

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC

Document Number 84

Entry 84 of 179   File: JPAB   Apr 30, 1996

PUB-NO: JP408111692A
DOCUMENT-IDENTIFIER: JP 08111692 A
TITLE: LANPBX COMMUNICATION EQUIPMENT

PUBN-DATE: April 30, 1996

NO EQUIV

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APPL-NO: JP07001539
APPL-DATE: January 9, 1995

INT-CL (IPC): H04L 12/66; H04L 12/46; H04L 12/28

ABSTRACT:

PURPOSE: To enable bidirectional conversation between a LANand a private
branch exchange (PBX) by providing a PBX adder equipped with a
transmission system converting device for coupling the LANand the PBX
and for mutually converting the transmission systems of the respective
LANand PBX.

CONSTITUTION: The number of a PBX adder 25 is dialed from a digital
telephone set (line wire). The PBX connects that call incoming public
line to the PBX adder 25 by using an extension line 14c. A call
originating signal outputted from the PBX is inputted to the device 25
and inputted to a line interface part 26. Concerning the inputted call
originating signal, an IP address is set by using a sub-address
(extension number)/IP address translation table 33 at a sub-address
recognizing part 27. Next, the call originating signal is made into a
packet by a PAD part 28. In this case, for that packet, the IP address is
set to its control data as a call incoming destination address. This
voice   packet is transmitted through a LAN16 to the destination of the IP
address.

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First Hit | Previous Document | Next Document

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC